



INFORMATION UPDATE FOR WHOLESALE CUSTOMERS

http://www.seattle.gov/util/About_SPU/News/Newsletters/index.asp

Seattle Water Supply Indicators

Water Storage	
Reservoir Inflows	
Snowpack	
Customer Use	
Overall	
Good Fair Poor	

For more information, visit www.savingwater.org



Water Quality Technical Forum Report

Chlorine Residual and Coliform Data

There were no positive coliform samples from the purveyor area during May 2008. Average chlorine residual concentrations in the purveyor distribution systems ranged from 0.80 to 1.20 mg/L, with an overall average of 0.94 mg/L. The chlorine residual target at the Tolt Treatment Facility is still 1.5 mg/L, but the target for the Cedar Water Treatment Facility was raised to 1.6 mg/L on June 9. The number of samples with chlorine less than 0.2 mg/L was 14 in May (out of 804 samples).

Taste and Odor

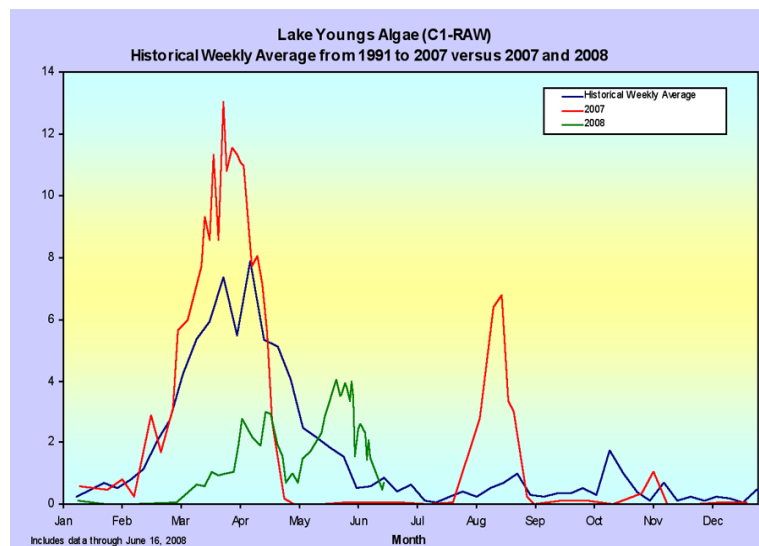
The taste and odor panel is meeting bi-weekly. Samples are rated on a scale from 1 to 9, with 1 representing the best and 9 representing the worst.

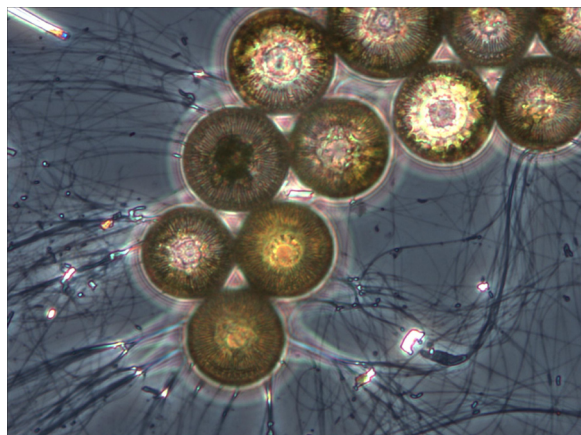
The taste and odor flavor rating assessment (FRA) for the Cedar supply (Lake Youngs treated) sample in May was 2.1. The Tolt supply result was 1.5.

Spring Algae Bloom

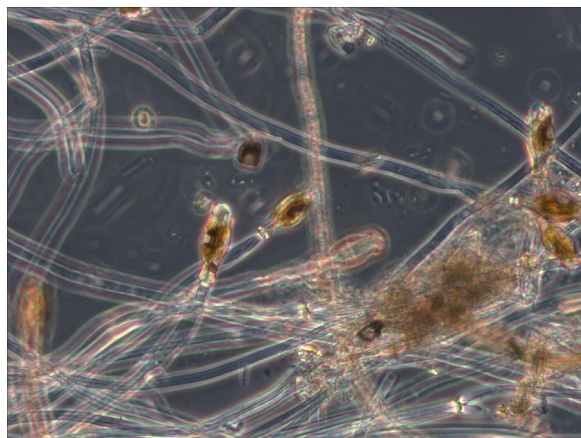
A new species of algae (genus *Cyclotella*) has bloomed in Lake Youngs this spring. We have detected *Cyclotella* in Lake Youngs every year since 2002, but this is the first time it has been the dominant species. We have also found an attached algae growing along the shores of Lake Youngs called *Didymosphenia geminata* (or *Didymo* for short). This is the first year we have found this species of algae in Lake Youngs. Neither of these algae have known health effects, but they have been causing significant clogging issues for all types and sizes of screens, filters, and analyzers. As of June 18, it appears the biovolume of the algae is decreasing, but the clogging issues are still occurring. Below is a graph of the algae counts this year, and photos.

SPU Contact: Wylie Harper, (206) 684-7880 or Lynn Kirby, (206) 684-0216





Cyclotella, 30 to 35 um diameter, using 400X phase inverted. This photo is from the raw water, prior to treatment, from the water column.



Didymo (Didymosphenia geminata)– photomicrograph taken at 100X power – brown cells at the end of the stalks are about 100 micrometer (um) long and clear colorless stalks are about 15 um wide. This is growing on the bottom of Lake Youngs right now.

region to encourage customers to save water and energy by:

- Taking shorter showers (five minutes or less);
- Checking for and repairing toilet leaks; and
- Washing full loads of laundry and dishes.

The direct mail campaign will offer single-family homeowners money-saving coupons: Bartell Drugs is offering discounts on Mrs. Meyer's biodegradable, high-efficiency laundry detergent, and the Home Depot has reduced the price of FluidMaster toilet flapper and fill valve replacement kits. Customers will also be able to obtain free shower timers.

CONTACT: Arece Hampton, (206) 733-9137

Green Plumbers Workshop Held

Green Plumbers USA presented an all-day training called "Caring for our Waters" on June 11 to approximately 60 local plumbers at the local Pipe-Fitters Training Hall. SPU was a co-sponsor of the event, and Al Dietemann provided the local welcome. John Koehler, a nationally-renowned speaker and expert in the water conservation arena, presented a series of topics on "Emerging Technologies & Practices in Water Efficiency." Seattle Public Utilities Resource Conservation staff Phil Paschke, Arece Hampton and Billie Fisher opened the session with short presentations on incentive programs available to multi-family and commercial properties in the Saving Water Partnership area. Excellent questions and follow-up contacts were made with plumbers and professionals. The purpose of the program is to have the plumbers become ambassadors for water efficiency to our mutual customers. Future trainings and certifications for plumbers wishing to pursue Green Certification are being pursued.

CONTACT: Billie Fisher, (206) 615-1282



Conservation Technical Forum

On the web at <http://www.savingwater.org>

RESIDENTIAL INDOOR

3 Ways to Save Campaign Launching this Summer

The Saving Water Partnership and Seattle City Light are teaming up with the Home Depot and Bartell Drugs throughout our direct and wholesale utility

Multi-family Showerhead and Toilet Program

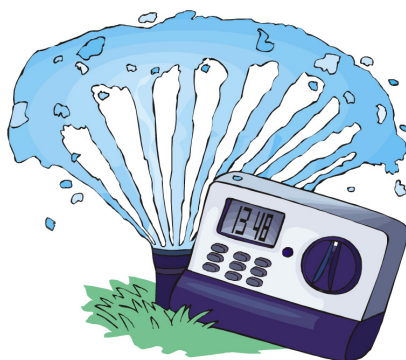
ECOS, our joint contractor working with PSE, is making great progress in retrofitting existing multifamily buildings with showerheads and

aerators as they make other energy saving improvements. As a bonus, property owners and managers are responding well to the installation of water efficient toilets. The collaborative program with PSE started in the Highline WD service area and is gradually moving north. A separate program is underway in the Seattle City Light service area, starting in the north (Shoreline area) and moving south. The two programs should be completed before the end of the year.

CONTACT: Arece Hampton, (206) 733-9137

RESIDENTIAL and COMMERCIAL LANDSCAPE Irrigation Program Marketing to Residential Customers in June

The Water Efficient Irrigation Program is sending out a direct mail piece to single-family irrigation customers to encourage participation in the rebate program.



The mailing is based on a template researched and developed by the Irrigation Association's Smart Water Application Technologies (SWAT) initiative. The mailing focuses on "smart" controllers, which automatically adjust based on weather conditions and which have been shown to reduce outdoor water use by up to 30 percent. SWP customers are eligible for rebates of up to \$375 on smart controllers.

CONTACT: Jenna Smith, (206) 684-5955 or Allegra Abramo, (206) 233-5132

savvy gardener

Savvy Gardener Newsletter Changes

Our electronic gardening newsletter (*The Savvy Gardener Connection*) is now two years old and has almost 2,000 subscribers. In June 2008, SPU sent

out an electronic survey to all subscribers to gather ideas for improving the newsletter, to ensure that we're addressing readers' conservation interests and to better understand our audience. Of the 188 respondents, we found that 85 percent read every or most of the issues, with 64 percent subscribing as a result of SPU's conservation newsletter (*Curb Waste & Conserve*). As a result of reading the newsletter, 40-48 percent of the respondents have applied mulch, added compost to their soil and selected plants based on the sun, shade and soil in their garden. These are all critical behaviors toward using less water in the garden. We also learned that 79 percent of the readers never forward the newsletter and 85 percent of them are Caucasian. Our summer newsletter will have a new look which builds on the newsletter's original strengths while incorporating changes to reflect the brand identity work being done by Parsons PR. In the coming months, we will look for new ways to promote the newsletter to gain a more diverse readership and encourage readers to send the newsletter to friends. Subscribe now at http://www.savingwater.org/outside_newslettersignup.htm to receive the next issue in early July. Please encourage your customers to subscribe as well so that the newsletter is read throughout the SWP service area.

CONTACT: Liz Fikejs, (206) 615-0516

Attendance in Spring Classes Down

The cool spring may have affected our Savvy Gardener classes in April and May. While the class sizes ranged greatly from 10 to 70 attendees, overall attendance was down. Our regional nursery partners who host the classes indicated that nursery business has been much slower this year. Class evaluations in the past have showed that we gain the majority of our attendance through customers who are already at the nursery, which means that nursery business (up or down) directly affects our class size.

CONTACT: Liz Fikejs, (206) 615-0516

YOUTH EDUCATION

Working Group Researching Teacher Training Models

The Partnership for Water Conservation (PWC) Youth Education Working Group has met with two potential consultants who could be hired to run a series of focus groups this summer. There will be three to four meetings within the PWC service area

(north, central, south). School administrators, science curriculum developers and teachers will attend. The goal of these meetings is to determine the most relevant model and content for PWC regional teacher trainings.

CONTACT: Gretchen Muller, (206) 684-0570 or Mialee Jose, (206) 615-1452



Terri Gregg, Sr. Wholesale Contract Analyst
Seattle Public Utilities, Customer Service Branch
700 Fifth Avenue, Suite 2777
PO Box 34027
Seattle, WA 98124-4027

For name or address changes or corrections, please contact **Terri Gregg** at **(206) 684-7975** or Terri.Gregg@Seattle.Gov